

**APPENDIX B**

**EEL-WABASH WATERS ASSESSED IN THE**

**CLEAN WATER ACT SECTION 305(B) REPORT**

Statewide data from the state's Clean Water Act Section 305(B) Report are available at the link below ( IDEM's Office of Water Quality website) (<http://www.state.in.us/idem/water/planbr/wqs/quality.html>). Adobe Acrobat Reader(tm) is required to read these files.

- **Attachment A** - 1998 305 (B) Report (Upper White, Lower White, Patoka)
- **Attachment B** - 1999 & 2000 305 (B) Report (Eel-Wabash, Lower East Fork White, Middle Wabash-Deer, Muscatatuck, Salamonie, Upper East Fork White, Upper Wabash, Whitewater)
- **Attachment C** - 2001 305 (B) Report (Lower Wabash, Middle Wabash-Busseron, Middle Wabash-Little Vermilion, Sugar)
- **Attachment D** - 2002 305 (B) Report (Blue-Sinking, Little Calumet-Galien, Lower Ohio-Little Pigeon, Silver-Little Kentucky, St. Joseph-Maumee)

**APPENDIX C**  
**Potential Stakeholders**  
**in the Eel-Wabash Watershed**

ACRES Land Trust  
2000 N. Wells St.  
Fort Wayne, IN 46808-2474  
219-422-1004

Banks of the Wabash, Inc.  
PO Box 1253  
Lafayette, IN 47902  
765-494-1330

Hoosier Environmental Council  
PO Box 1145  
Indianapolis, IN 46206  
317-685-8800

Hoosier River Watch  
5785 Glenn Rd.  
Indianapolis, Indiana 46216-1066  
317-541-0617

Indiana Lakes Management Society  
207 S. Wayne St., Suite B  
Angola, IN 46703

Indiana Waterways Association  
301 Fort Harrison Road  
Terre Haute, IN 47804  
812-460-1567

Izaak Walton League of America  
Indiana Division President  
2173 Pennsylvania Street  
Portage, IN 46368-2448  
219-762-4876

Kankakee Fish and Wildlife Area  
4320 W. Toto Road  
North Judson, IN 46366  
219-896-3673

Know Your Watershed  
Conservation Technology Information Ctr  
1220 Potter Drive, Room 170  
West Lafayette, IN 47906-1383  
765-494-9555

## Eel-Wabash Watershed Restoration Action Strategy

### National Audubon Society

700 Broadway  
New York, NY 10003  
212-979-3000

### Niches Land Trust

PO Box 2790  
West Lafayette, IN 47996-2790

### The Nature Conservancy

1505 N. Delaware St., Suite 200  
Indianapolis, Indiana 46202  
317-951-8818

### Tri-Lakes Fisheries Station

5570 N. Fish Hatchery Road  
Columbia City, IN 46725  
219-691-3181

### Wabash River Heritage Corridor Commission

c/o Indiana Department of Natural Resources  
402 W. Washington St., Room W271  
Indianapolis, Indiana 46204-2739  
317-232-4070

### Wood-Land-Lakes Resource Conservation & Dvlpmnt

214 West North Street  
Kendallville, IN 46755-1134  
219-349-1433

### Allen County Commissioners Office (Allen County)

1 Main Street Room 200  
Ft. Wayne, IN 46802  
219-449-7555

### Allen County Health Department (Allen County)

1 E. Main St. 5th Floor  
Fort Wayne, IN 46802  
219-449-7561

### Allen County Purdue Univ. Co-op Extension Service (Allen County)

4001 Crescent Ave.  
Fort Wayne, IN 46815  
219-481-6826

### Allen County Solid Waste Management District (Allen County)

124 W. Columbia Street  
Ft. Wayne, IN 46802  
219-449-7878

### Allen County Surveyor (Allen County)

1 Main Street Room 610  
Ft. Wayne, IN 46802  
219-449-7625

## Eel-Wabash Watershed Restoration Action Strategy

### Allen County USDA-NRCS (Allen County)

2010 Inwood Dr., Suite 105  
Fort Wayne, IN 46815-7113  
219-426-4637

### AquaSource, Inc. (Allen County)

2200 West Cook Road  
Ft. Wayne, IN 46818  
219-489-1502

### Waste Management (Allen County)

4636 Adams Center Road  
Ft. Wayne, IN 46806  
800-777-0949

### Cass County Commissioner (Cass County)

200 Court Park  
Cass County Government Building  
Logansport, IN 46947  
574-753-7891

### Cass County Drainage Board (Cass County)

200 Court Park  
Cass County Government Building  
Logansport, IN 46947  
574-753-7770

### Cass County Farm Service Agency (Cass County)

906 W. Broadway  
Logansport, IN 46947  
219-753-4705

### Cass County Government Building (Cass County)

200 Court Park  
Logansport, IN 46947  
574-753-7862

### Cass County Health Department (Cass County)

1201 Michigan Ave. Suite 230  
Logansport, IN 46947  
219-753-7760

### Cass County Purdue Univ. Co-op Extension Service (Cass County)

200 Court Park  
Logansport, IN 46947  
219-753-7750

### Cass County Surveyor (Cass County)

306 Cass County Government Building  
Logansport, IN 46947  
574-753-7840

## Eel-Wabash Watershed Restoration Action Strategy

### Cass County USDA-NRCS (Cass County)

906 W. Broadway  
Logansport, IN 46947  
219-753-4705

### Logansport City Mayor (Cass County)

601 E. Broadway  
Logansport, IN 46947  
574-753-2551

### Logansport Municipal Utility (Cass County)

601 E. Broadway  
Logansport, IN 46947

### Oak Ridge Recycling & Disposal (Cass County)

2905 S. County Rd. 150 E.  
Logansport, IN 46947

### Akron Water Department (Fulton County)

P.O. Box 218  
Akron, IN 46910  
219-893-4123

### City of Rochester (Fulton County)

320 Main Street  
P.O. Box 110  
Rochester, IN 46975  
574-223-6509

### Fulton County Commissioner (Fulton County)

125 East 9th Street  
Rochester, IN 46975  
574-223-5324

### Fulton County Drainage Board (Fulton County)

125 East 9th Street  
Rochester, IN 46975  
574-223-3492

### Fulton County Farm Service Agency (Fulton County)

1242 E. 100 S.  
Rochester, IN 46975  
219-223-3398

### Fulton County Health Department (Fulton County)

1009 W. 3rd St.  
Rochester, IN 46975  
219-223-2881

### Fulton County Office Building (Fulton County)

125 East 9th Street  
Rochester, IN 46975  
574-223-2912

## Eel-Wabash Watershed Restoration Action Strategy

### Fulton County Purdue Univ. Co-op Extension Service (Fulton County)

1009 W. 3rd St.  
Rochester, IN 46975  
219-223-3397

### Fulton County Surveyor (Fulton County)

125 East 9th Street  
Rochester, IN 46975  
574-223-3317

### Fulton County USDA-NRCS (Fulton County)

1252 E. 100 S.  
Suite D  
Rochester, IN 46975  
219-223-3398

### Rochester City Mayor (Fulton County)

320 Main Street  
P.O. Box 110  
Rochester, IN 46975  
574-223-4555

### Huntington County Commissioner (Huntington County)

201 N. Jefferson  
Huntington, IN 46750  
260-358-4822

### Huntington County Drainage Board (Huntington County)

201 N. Jefferson  
Room 203  
Huntington, IN 46750  
260-358-4856

### Huntington County Farm Service Agency (Huntington County)

2040 Riverfork Dr. West  
Huntington, IN 46750  
219-356-6816

### Huntington County Health Department (Huntington County)

201 N. Jefferson Street  
Room 205  
Huntington, IN 46750  
219-358-4831

### Huntington County Purdue Univ. Co-op Extension Service (Huntington County)

201 N. Jefferson Street  
Room 209  
Huntington, IN 46750  
219-358-4826

### Huntington County Solid Waste Management District (Huntington County)

201 N. Jefferson St.  
Courthouse, Room 419  
Huntington, IN 46750  
219-358-4886

## Eel-Wabash Watershed Restoration Action Strategy

### Huntington County USDA-NRCS (Huntington County)

2040 Riverfork Dr. West  
Huntington, IN 46750-9004  
219-356-6816

### City of Warsaw Mayor (Kosciusko County)

302 E. Market Street  
Warsaw, Indiana 46580  
574-372-9595

### Kosciusko County Landfill (Kosciusko County)

2710 E. 800 S.  
Claypool, Indiana 46510  
260-839-8502

### Kosciusko County Area Plan Commission (Kosciusko County)

100 West Center Street  
Warsaw, IN 46580  
574-372-2304

### Kosciusko County Commissioner (Kosciusko County)

100 West Center Street  
Warsaw, Indiana 46580  
574-372-2475

### Kosciusko County Council (Kosciusko County)

100 West Center Street  
Warsaw, Indiana 46580  
574-372-2475

### Kosciusko County Drainage Board (Kosciusko County)

c/o Surveyor  
100 West Center Street  
Warsaw, Indiana 46580  
574-372-2367

### Kosciusko County Farm Service Agency (Kosciusko County)

217 E. Bell Dr.  
Warsaw, IN 46582  
219-267-5726

### Kosciusko County Health Department (Kosciusko County)

100 W. Center St. 3rd Floor  
Warsaw, IN 46580  
219-372-2349

### Kosciusko County Purdue Univ. Co-op Extension Service (Kosciusko County)

100 W. Center St.  
Warsaw, IN 46580  
219-372-2340

## Eel-Wabash Watershed Restoration Action Strategy

### Kosciusko County Surveyor (Kosciusko County)

#25 Courthouse  
100 West Center Street  
Warsaw, Indiana 46580  
574-372-2367

### Kosciusko County USDA-NRCS (Kosciusko County)

217 E. Bell Dr.  
Warsaw, IN 46582  
219-267-5726

### Milford Water Department (Kosciusko County)

901 South Higbee Street  
Milford, Indiana 46542

### Silver Lake Water Works (Kosciusko County)

203 N. Columbia Street  
Silver Lake, IN 46982  
219-352-2120

### Syracuse Water Company (Kosciusko County)

1 Conrad Street  
Syracuse, Indiana 46567  
219-457-3229

### Wawasee Area Conservancy Foundation (Kosciusko and Noble County)

PO Box 548  
Syracuse, Indiana 46567-0548  
219-457-4549

### City of Peru Mayor's Office (Miami County)

35 S. Broadway  
Peru, IN 46970  
765-472-2400

### Miami County Commissioner (Miami County)

25 N. Broadway  
Peru, IN 46970  
765-472-3901

### Miami County Drainage Board (Miami County)

25 N. Broadway  
Peru, IN 46970  
765-472-3901 x-287

### Miami County Farm Service Agency (Miami County)

1170 US 24 West  
Peru, IN 46970  
765-473-6753

### Miami County Health Department (Miami County)

Courthouse Room 110  
Peru, IN 46970  
765-472-3901

## Eel-Wabash Watershed Restoration Action Strategy

### Miami County Purdue Univ. Co-op Extension Service (Miami County)

1029 W 200 N  
Peru, IN 46970  
765-472-1921

### Miami County Surveyor (Miami County)

25 N. Broadway  
Peru, IN 46970  
765-472-3901

### Miami County USDA-NRCS (Miami County)

1170 US 24 West  
Peru, IN 46970  
765-473-6753

### Kendallville City Mayor (Noble County)

234 S. Main Street  
Kendallville, IN 46755  
260-347-0352

### Noble County Commissioner (Noble County)

101 N. Orange  
Albion, IN 46701  
260-636-7877

### Noble County Drainage Board (Noble County)

South Complex  
State Road 9  
Albion, IN 46701  
260-636-2131

### Noble County Farm Service Agency (Noble County)

104 E. Park Dr  
Albion, IN 46701  
219-636-2178

### Noble County Health Department (Noble County)

2090 N. State Road 9  
Suite C  
Albion, IN 46701  
219-636-2191

### Noble County Plan Commission (Noble County)

101 N. Orange  
Albion, IN 46701  
260-636-7217

### Noble County Purdue Univ. Co-op Extension Service (Noble County)

2090 N. State Road 9, Suite D  
Albion, IN 46701  
219-636-2111

## Eel-Wabash Watershed Restoration Action Strategy

### Noble County Surveyor (Noble County)

South Complex  
State Road 9  
Albion, IN 46701  
260-636-2131

### North Manchester Water Department (Wabash County)

407 E. Main Street  
North Manchester, IN  
260-982-2993

### Servia Water Works (Wabash County)

75 Tanner Street  
Servia, IN 46980  
260-982-2635

### Wabash County Commissioner (Wabash County)

1 West Hill Street  
Wabash, IN 46992  
260-563-0661

### Wabash County Drainage Board (Wabash County)

1 West Hill Street  
Wabash, IN 46992  
260-563-0661

### Wabash County Farm Service Agency (Wabash County)

599 Bryan Ave.  
Wabash, IN 46992  
219-563-7486

### Wabash County Health Department (Wabash County)

89 W. Hill St.  
Wabash, IN 46992  
219-563-0661

### Wabash County Purdue Univ. Co-op Extension Service (Wabash County)

1 W. Hill St.  
Wabash, IN 46992  
219-563-0661

### Wabash County Solid Waste Management Dist. (Wabash County)

111 S. Wabash Street  
P.O. Box 256  
Wabash, IN 46992  
260-563-7649

### Wabash County Surveyor (Wabash County)

1 West Hill Street  
Wabash, IN 46992  
260-563-0661

### Wabash County USDA-NRCS (Wabash County)

599 Bryan Ave  
Wabash, Indiana 46992  
219-563-7486

## Eel-Wabash Watershed Restoration Action Strategy

### Churubusco Water Department (Whitley County)

215 Home Ave.  
Churubusco, IN 46723  
260-693-9350

### Columbia City Chamber of Commerce (Whitley County)

104 S. Chauncey Street  
Columbia City, IN 46725  
260-248-8131

### Columbia City Mayor (Whitley County)

112 S Chauncey Street  
Columbia City, IN 46725  
260-248-5111

### Columbia City Water Department (Whitley County)

112 S. Chauncey Street  
Columbia City, IN 46725  
260-248-5118

### Tri Lakes Regional Sewer Dist. (Whitley County)

5240 N. Old 102  
Columbia City, IN 46725  
260-691-2820

### Whitley County Farm Service Agency (Whitley County)

1919 E. Business 30  
Columbia City, IN 46725  
219-244-6266

### Whitley County Commissioner (Whitley County)

c/o Auditor's Office  
101 W. Van Buren Street  
Columbia City, IN 46725  
260-248-3100

### Whitley County Council (Whitley County)

c/o Auditor's Office  
101 W. Van Buren Street  
Columbia City, IN 46725  
260-248-3100

### Whitley County Drainage Board (Whitley County)

101 W. Van Buren  
Columbia City, IN 46725  
260-248-3185

### Whitley County Health Department (Whitley County)

101 W. Market St. Ste A  
Columbia City, IN 46725  
219-248-3121

## Eel-Wabash Watershed Restoration Action Strategy

### Whitley County Purdue Univ. Co-op Extension Service (Whitley County)

115 S. Line St.  
Columbia City, IN 46725  
219-625-3313

### Whitley County Surveyor (Whitley County)

C/o Engineers Office  
101 W. Van Buren Street  
Columbia City, IN 46725  
260-248-3107

### Whitley County USDA-NRCS (Whitley County)

1919 E. Business 30  
Columbia City, IN 46725  
219-244-6266

## Eel-Wabash Watershed Restoration Action Strategy

### **STATE STAKEHOLDERS**

Indiana Farm Bureau Inc.  
225 S East St  
Indianapolis, IN 46202  
(317) 692-7851  
Indiana Department of Environmental Management  
100 N. Senate Ave  
P.O. Box 6015  
Indianapolis, IN 46206-6015  
IDEM Switchboard  
(317) 232 8603 or (800) 451 6027  
Agricultural Liaison  
(317) 232 8587  
Air Quality  
(317) 233 0178  
Community Relations  
(317) 233 6648  
Compliance and Technical Assistance  
(317) 232 8172  
Criminal Investigations  
(317) 232 8128  
Enforcement  
(317) 233 5529  
Environmental Response  
(317) 308 3017  
Legal Counsel  
(317) 232 8493  
Media and Communication Services  
(317) 232 8560  
Pollution Prevention and Technical Assistance  
(317) 232 8172  
Solid and Hazardous Waste Management  
(317) 233 3656  
Water Management  
(317) 232 8670

## Eel-Wabash Watershed Restoration Action Strategy

Indiana Department of Natural Resources  
402 West Washington Street  
Indianapolis, IN 46204 2748  
Division of Engineering  
(317) 232 4150  
Division of Entomology and Plant Pathology  
(317) 232 4120  
Division of Fish & Wildlife  
(317) 232 4080  
Division of Forestry  
(317) 232 4105  
Division of Historic Preservation & Archaeology  
(317) 232 1646  
Division of Law Enforcement  
(317) 232 4010  
Division of State Parks and Reservoirs  
(317) 232 4124  
Division of Water  
(317) 232 4160  
Division of Public Information and Education  
(317) 232 4200  
Division of Reclamation  
(317) 232 1547  
Division of Safety and Training  
(317) 232 4145  
Division of Soil Conservation  
(317) 233 3870  
Division of Oil and Gas  
(317) 232 4055  
Division of Outdoor Recreation  
(317) 232 4070  
Division of Nature Preserves  
(317) 232 4052  
Indiana State Department of Health  
2 North Meridian St.  
Indianapolis, IN 46204  
(317) 233 1325

## Eel-Wabash Watershed Restoration Action Strategy

### **FEDERAL STAKEHOLDERS**

Natural Resources Conservation Service

6013 Lakeside Blvd

Indianapolis, In 46278

(317) 290 3200

*NRCS Field Representatives are generally located with the SWCD office in each county.*

U.S. EPA Region 5

77 West Jackson Blvd

Chicago, IL 60604

(312) 353-2000

(800) 632-8431

U.S. Army Corps of Engineers

*Chicago District*

111 N. Canal

Chicago, IL 60606

(312) 353-6400

*Detroit District*

P.O. Box 1027

Detroit, MI 48231-1027

(888) 694-8313

*Louisville District*

600 Dr. Martin Luther King, Jr.

Louisville, KY 40202

(502) 315-6768

## APPENDIX D

### FUNDING SOURCES

This listing of funding sources was derived from the May 1999 *Watershed Action Guide for Indiana*, which is available from the Watershed Management Section of IDEM (IDEM 1999b).

#### FEDERAL CONSERVATION AND WATERSHED PROGRAMS

##### Environmental Protection Agency

##### Section 319, 205(j), and 104(b)(3) Grants

Grants for conservation practices, water body assessment, watershed planning, and watershed projects. Available to non-profit or governmental entities. These monies, enabled by the Clean Water Act, are funneled through the Indiana Department of Environmental Management. *For details see IDEM below.*

##### EPA Great Lakes Program

Numerous sources of funding are available for the area that drains into the Great Lakes. The complete grants guidance and application package for EPA Great Lakes grants is on the web, and additional funding sources are at the Great Lakes Information Network (<http://www.great-lakes.net/>). Grants are submitted in early spring for most of these sources.

U.S. Department of Agriculture/Natural Resources Conservation Service (NRCS) (See Appendix C for local federal agency contacts.)

##### CRP: Conservation Reserve Program.

Administered by the Farm Service Agency with technical assistance from NRCS. Conservation easements in certain critical areas on private property. CRP encourages farmers to convert highly erodible cropland or other environmentally sensitive acreage to vegetative cover, such as tame or native grasses, wildlife plantings, trees, filterstrips, or riparian buffers. Easements are for 10 or 15 years, depending on vegetative cover, and compensation payments are made yearly to replace income lost through not farming the land. Cost share is available for planting vegetative cover on restored areas. <http://www.fsa.usda.gov/dafp/cepd/crp.htm>

##### EQIP: Environmental Quality Incentive Program.

Administered by the NRCS. Provides technical, financial, and educational assistance. Conservation cost-share program for implementing Best Management Practices, available to agricultural producers who agree to implement a whole-farm plan that addresses major resource concerns. Up to \$50,000 over a 5- to 10- year period. Some parts of the state are designated Conservation Priority Areas and receive larger funding allotments. <http://www.nhq.nrcs.usda.gov/PROGRAMS/COD/cit/eqipsmry.htm>

##### FIP: Forestry Incentive Program.

Administered by the NRCS. Assists forest management on private lands of at least 10 acres and no more than 1,000 acres. Eligible practices are tree planting, timber stand improvement, site preparation for natural regeneration, and other related activities. Land must be suitable for conversion from nonforest to forest land, for reforestation, or for improved forest management and be capable of producing marketable timber crops. Cost share up to 65%, with a maximum of \$10,000 per person per year. <http://www.nhq.nrcs.usda.gov/CCS/FB96OPA/FIPfact.html>

##### Small Watershed Program.

The Small Watershed Program works through local government sponsors and helps participants solve natural resource and related economic problems on a watershed basis. Projects include watershed protection, flood prevention, erosion and sediment control, water supply, water quality, fish and wildlife habitat enhancement, wetlands creation and restoration, and public recreation in watersheds of 250,000 or fewer acres. Both technical and financial assistance are available. <http://www.ftw.nrcs.usda.gov/pl566/pl566.html>

##### WRP: Wetland Reserve Program.

Administered by the NRCS. Easement and restoration program to restore marginal agricultural land to wetland. Easements may be for 10 years, 30 years, or permanent. Longer easements are preferred. Partnerships with other acquisition programs are encouraged. Restoration and legal costs are paid by NRCS. Landowner retains ownership of the property and may use the land in ways that do not interfere with wetland function and habitat, such as hunting, recreational development, and timber harvesting. <http://www.nhq.nrcs.usda.gov/PROGRAMS/wrp/>

## Eel-Wabash Watershed Restoration Action Strategy

### WHIP: Wildlife Habitat Incentive Program.

Administered by the NRCS. Cost share and technical assistance to develop and improve wildlife habitat on private land. Private landowners who are agricultural producers are eligible. A wildlife habitat plan is developed that describes landowner's goals for improving wildlife habitat, includes a list of practices and schedule for installing them, and details the steps necessary for maintenance. Cost share up to 75%, and contracts are for 10 years.

<http://www.nhq.nrcs.usda.gov/PROGRAMS/whip/>

### U.S. Fish & Wildlife Service

#### Partners for Wildlife Habitat Restoration Program

Provides technical and financial assistance to private landowners through voluntary cooperative agreements in order to restore formerly degraded wetlands, native grasslands, riparian areas, and other habitats to conditions as natural as feasible. Landowners agree to maintain restoration projects as specified in the agreement but otherwise retain full control of the land. Agreements are for fixed term of at least 10 years. No more than 60% of project cost is paid by Federal moneys (the program seeks remainder of cost share from landowners and nationally-based and local entities). <http://www.fws.gov/>

## STATE CONSERVATION AND WATERSHED PROGRAMS

### IDNR Division of Soil Conservation

#### LARE: Lake & River Enhancement Program

Funds diagnostic and feasibility studies in selected watersheds and cost-share programs through local Soil & Water Conservation Districts. Project oversight provided through county-based Resource Specialists and Lake & River Enhancement Watershed Coordinators. Funding requests for Watershed Land Treatment projects must come from Soil & Water Conservation Districts. If a proposed project area includes more than one district, the affected SWCDs should work together to develop an implementation plan. The SWCDs should then apply for the funding necessary to administer the watershed project. Before applying for funding, the SWCDs should contact the Lake & River Enhancement Coordinators to determine (1) the appropriate watershed to include in the project, (2) if the proposed project meets the eligibility criteria, and (3) if funding is available. <http://www.in.gov/dnr/soilcons/lare.htm>

### IDNR Division of Fish & Wildlife

#### Classified Wildlife Habitat Program

Incentive program to foster private wildlife habitat management through tax reduction and technical assistance. Landowners need 15 or more acres of habitat to be eligible. IDNR provides management plans and assistance through District Wildlife Biologists (see county listings). <http://www.ai.org/dnr/fishwild/about/habitat.htm>

### IDNR Division of Forestry

#### Classified Forest Program

Incentive program to foster private forest management through tax reduction and technical assistance. Landowners need 10 or more acres of woods to be eligible. IDNR provides management plans and assistance through District Foresters (see county listings). <http://www.state.in.us/dnr/forestry/landassist/clasfor.htm>

#### Classified Windbreak Act

Establishment of windbreaks at least 450 feet long adjacent to tillable land. Provides tax incentive, technical assistance through IDNR District Foresters.

#### Forest Stewardship Program & Stewardship Incentives Program

Cost share and technical assistance to encourage responsibly managed and productive private forests.

<http://www.state.in.us/dnr/forestry/htmldocs/grants.htm>

### IDNR Division of Reclamation

#### Appalachian Clean Streams Initiative

Funds for acid mine drainage abatement.

### IDNR Division of Nature Preserves

#### State Nature Preserve Dedication

Acquisition and management of threatened habitat. <http://www.in.gov/dnr/naturepr/>

### IDEM Office of Water Quality

#### State Revolving Fund

## Eel-Wabash Watershed Restoration Action Strategy

Available to municipalities and counties for a range of water quality infrastructure projects. Funds are available for a wide variety of projects including all types of nonpoint source management projects, as well as more traditional wastewater treatment projects. Funding is through very low-interest loans. <http://www.in.gov/idem/water/fasb/srflp.html>

### Section 319 Grants - Nonpoint Source Program

Available to nonprofit groups, municipalities, counties, and universities for implementing water quality improvement projects that address nonpoint source pollution concerns. Twenty-five percent match is required, which may be cash or in-kind. Maximum grant amount for local watershed projects is \$112,500, but statewide or larger scale projects may be funded up to \$300,000. Projects are usually two to three years in length. Projects may be for land treatment through implementing Best Management Practices, for education, and for developing tools and applications for state-wide use. Proposals are due October 1, 2002 for FY2003 funds. See Section 5.1.5 for more details. <http://www.in.gov/idem/water/planbr/wsm/index.html>

### Section 205(j) Grants - Water Quality Management Planning Program

Available to municipalities, counties, conservation districts, drainage districts, and other public organizations. For-profit entities, non-profit organizations, private associations, and individuals are not eligible for funding through Section 205(j). Grants are for water quality management projects such as studies of nonpoint pollution impacts, nonagricultural NPS mapping, and the development and implementation of watershed management projects. Funds can be requested for up to \$100,000 and no match is required. <http://www.in.gov/idem/water/planbr/wsm/index.html>

### Section 104(b)(3) Grants - NPDES Related State Grant Program

Provide for developing, implementing and demonstrating new concepts or requirements that will improve the effectiveness of the NPDES permit program. A project proposed for assistance by this program should deal predominantly with water pollution sources and activities regulated by the NPDES program. These may include innovative demonstration projects to promote statewide watershed approaches for permitted discharges, development of storm water management plans by small municipalities, projects involving a watershed approach to municipal separate sewer systems, and projects that directly promote community based environmental protection. Available to State water pollution control agencies, interstate agencies, Tribes, colleges and universities, and other public or nonprofit organizations. For-profit entities, private associations and individuals are not eligible to receive this assistance. Funds can be requested for up to \$100,000. Five percent match is required, either cash or in-kind. <http://www.in.gov/idem/water/planbr/wsm/index.html>

NOTE: proposals are due to IDEM by January 31 annually for projects beginning the following December.

## PRIVATE FUNDING SOURCES

### National Fish and Wildlife Foundation

1120 Connecticut Avenue, NW Suite 900, Washington DC 20036. ([http://www.nfwf.org/programs/grant\\_apply.htm](http://www.nfwf.org/programs/grant_apply.htm))

Nonprofit, established by Congress 1984, awards challenge grants for natural resource conservation. Federally appropriated funds are used to match private sector funds. Six program areas include wetland conservation, conservation education, fisheries, migratory bird conservation, conservation policy, and wildlife habitat.

### Individual Utilities

Check local utilities such as IPALCO, CINergy, REMC, NIPSCO. Many have grants for educational and environmental purposes (IPALCO Golden Eagle Program -

[http://www.ipalco.com/ABOUTIPALCO/Environment/Golden\\_Eagle/2001\\_Winners.html](http://www.ipalco.com/ABOUTIPALCO/Environment/Golden_Eagle/2001_Winners.html); CINergy -

<http://www.cinergy.com/Environment/default.asp>).

### Indiana Hardwood Lumbermen's Association

Indiana Tree Farm Program. <http://www.ihla.org/leaders.htm>

### Conservation Technology Information Center (CTIC)

'Know Your Watershed' educational materials are available. <http://www.ctic.purdue.edu/CTIC/CTIC.html>

### Ducks Unlimited

*Land acquisition and habitat restoration assistance.* <http://www.ducks.org/>

### National Wild Turkey Federation

*Funds for turkey and wildlife habitat improvement projects.* <http://www.nwtf.org/>

### Quail Unlimited

*Funds for quail and wildlife habitat improvement projects.* <http://www.qu.org/>

## Eel-Wabash Watershed Restoration Action Strategy

### Pheasants Forever

*Land acquisition and funds for local habitat improvement projects.* <http://www.pheasantsforever.org/>

### Indiana Heritage Trust

*Land acquisition programs.* <http://www.state.in.us/dnr/heritage/>

### The Nature Conservancy

*Land acquisition and restoration.* <http://nature.org/wherewework/northamerica/states/indiana/>

### Southern Lake Michigan Conservation Initiative

#### Blue River Focus Area

#### Kankakee Sands Focus Area

#### Upper St. Joseph River Focus Area

#### Tippecanoe River Focus Area

### Natural Areas Registry

### Hoosier Landscapes Capitol Campaign

### Local/Regional Land Trusts

*Land acquisition, conservation easements, and restoration*

#### Acres Inc. (Fort Wayne, IN)

- <http://www.acres-land-trust.org/>

#### Buffalo Trace Land Trust, LLC (Mount Saint Francis, IN)

#### Central Indiana Land Trust, Inc. (Indianapolis, IN)

- <http://www.cilti.org/>

#### Clark's Valley Land Trust (Charlestown, IN)

- <http://www.clarkswcd.org/LandTrust/LandTrusthome.htm>

#### Indiana Karst Conservancy (Indianapolis, IN)

- <http://www.caves.org/conservancy/ikc/>

#### Laporte County Conservation Trust Inc. (La Porte, IN)

#### Little River Wetlands Project (Ft. Wayne, IN)

- <http://www.lrwip.org/>

#### Mud Creek Conservancy (Indianapolis, IN)

- <http://www.mudcreekconservancy.org/>

#### NICHES Land Trust (Lafayette, IN)

- <http://dcwi.com/~niches/>

#### Ohio River Conservancy (Bloomington, IN)

#### Oxbow, Inc. (Cincinnati, OH)

- <http://math.uc.edu/~pelikan/OXBOW/wm.html>

#### Red-tail Conservancy, Inc. (Muncie, IN)

- <http://ourworld.cs.com/rtconserv1/id18.htm>

#### River Fields, Inc. (Louisville, KY)

- <http://www.riverfields.org/>

#### Shirley Heinze Environmental Fund (Michigan City, IN)

- <http://www.heinzefund.org/>

#### Sycamore Land Trust (Bloomington, IN)

- <http://www.sycamorelandtrust.org/>

#### Wabash Heritage Land Trust (New Harmony, IN)

#### Wawasee Area Conservancy Foundation (Syracuse, IN)

- <http://www.wacf.com/>

#### Whitewater Valley Land Trust, Inc. (Centerville, IN)

#### Wood-Land-Lakes Resource Conservation & Development (Kendallville, IN)

- [http://www.in.nrcs.usda.gov/conservation%20programs/rcd/woodland\\_lakes.htm](http://www.in.nrcs.usda.gov/conservation%20programs/rcd/woodland_lakes.htm)

### SOURCES OF ADDITIONAL FUNDING OPPORTUNITIES

#### Catalog of Federal Funding Sources for Watershed Protection

## Eel-Wabash Watershed Restoration Action Strategy

EPA Office of Water (EPA841-B-99-003) December 1999

(<http://www.epa.gov/owow/watershed/wacademy/fund.html>)

GrantsWeb:

<http://www.srainternational.org/cws/sra/resource.htm>

## APPENDIX E

### Superfund (CERCLA) Site Fact Sheets

for sites listed within the Eel-Wabash watershed



## WAYNE WASTE OIL

### Site Information:

**Site Name:** WAYNE WASTE OIL  
**Address:** DANIEL DR PO BOX 467  
COLUMBIA CITY, IN 46725  
**EPA ID:** IND048989479  
**EPA Region:** 05  
**County:** 183 WHITLEY  
**Latitude:** +41.152500  
**Longitude:** -085.476111  
**NPL Status:** Currently on the Final NPL  
**Non-NPL Status:**  
**Federal Facility Flag:** Not a Federal Facility  
**Incident Category:** Industrial Waste Treatment

### Record of Decision (ROD) List:

	ROD ID	ROD Date	OU
1	<a href="#">EPA/ROD/R05-90/123</a>	03/30/1990	
01			

### 1) Record of Decision (ROD):

**Operable Unit:** 01  
**ROD ID:** EPA/ROD/R05-90/123  
**ROD Date:** 03/30/1990

**Media:** SOIL DEBRIS GROUND WATER

**Contaminant:** VOCs, BENZENE, PCE, TCE, TOLUENE, XYLENES, OTHER ORGANICS, PAHS, PHENOLS, METALS, ARSENIC, CHROMIUM, LEAD

**Abstract:** THE 30-ACRE WAYNE WASTE OIL SITE IS A FORMER OIL RECLAMATION OPERATION AND MUNICIPAL LANDFILL IN COLUMBIA CITY, INDIANA. THE SITE LIES WITHIN THE BLUE RIVER FLOODPLAIN, AND A WETLANDS AREA IS LOCATED ONSITE. THE SITE OVERLIES A CONTAMINATED UNCONSOLIDATED SURFICIAL AQUIFER. FROM 1953 TO 1970, PART OF THE SITE WAS OPERATED AS A MUNICIPAL LANDFILL. FROM 1975 TO 1982, WASTE OIL RECLAMATION ACTIVITIES, WHICH INCLUDED THE STORAGE AND HANDLING OF HAZARDOUS WASTES WERE CONDUCTED ONSITE. SITE FEATURES INCLUDE AN INCINERATOR, ONSITE DISPOSAL PITS, BURIED DRUMS, VACANT OFFICE BUILDINGS, AND SEVERAL ABOVE-GROUND AND UNDERGROUND STORAGE TANKS, WHICH CONTAIN HAZARDOUS MATERIAL. FROM 1979 TO 1980, AN ESTIMATED 250,000 GALLONS OF HAZARDOUS WASTE WERE ILLEGALLY DUMPED ONSITE AND ALLOWED TO PERCOLATE INTO THE SOIL. IN ADDITION THE CURRENT LANDFILL CAP IS NOT ADEQUATE TO

PREVENT EXPOSURE OF BURIED LANDFILL MATERIAL. REMOVAL ACTIONS BY POTENTIALLY RESPONSIBLE PARTIES (PRPS) IN 1986 AND 1988, RESULTED IN REMEDIATION OF SEVERAL ONSITE DISPOSAL PITS, AND THE REMOVAL AND OFFSITE DISPOSAL OF 340 BURIED DRUMS, THE CONTENTS OF 23 STORAGE TANKS, OVER 12,900 TONS OF CONTAMINATED SOIL FROM THE ONSITE PITS, AND IMPLEMENTATION OF SITE ACCESS RESTRICTIONS. SITE INVESTIGATIONS BY THE PRP UNDER A CONSENT ORDER FROM 1988 TO 1989, CHARACTERIZED THE LOCATION AND EXTENT OF REMAINING CONTAMINATED MEDIA, AND QUANTIFIED THE CHEMICAL CONTAMINANTS AT THE SITE. THE PRIMARY CONTAMINANTS OF CONCERN AFFECTING THE SOIL, DEBRIS, AND GROUND WATER ARE VOCs INCLUDING BENZENE, PCE, TCE, TOLUENE, AND XYLENES; OTHER ORGANICS INCLUDING PAHS AND PHENOLS; AND METALS INCLUDING ARSENIC, CHROMIUM, AND LEAD.

THE SELECTED REMEDIAL ACTION FOR THIS SITE INCLUDES TREATING VOC-CONTAMINATED SOIL USING VAPOR EXTRACTION; TREATING METALS-CONTAMINATED SOIL USING SOIL WASHING OR SOLIDIFICATION/STABILIZATION; DELINEATING THE AREA OF THE MUNICIPAL LANDFILL; CAPPING THE LANDFILL AND CONSTRUCTING A LANDFILL VENTING SYSTEM IF NECESSARY; COVERING PAH-CONTAMINATED SOIL OR CONSOLIDATING THE SOIL UNDER THE LANDFILL CAP; TREATING AND DISPOSING OF THE CONTENTS OF STORAGE TANKS OFFSITE, STEAM CLEANING, AND REMOVING THE STORAGE TANKS OFFSITE; DISMANTLING THE INCINERATOR AND DISPOSING OF THE DEBRIS OFFSITE OR WITHIN THE ONSITE MUNICIPAL LANDFILL; PUMPING AND TREATMENT OF GROUND WATER ONSITE USING AIR STRIPPING, OR DISCHARGING THE GROUND WATER OFFSITE TO A PUBLICLY OWNED TREATMENT WORKS (POTW); MONITORING AIR, GROUND WATER, AND SURFACE WATER; AND IMPLEMENTING INSTITUTIONAL CONTROLS INCLUDING DEED, LAND USE, AND GROUND WATER USE RESTRICTIONS, AND SITE ACCESS RESTRICTIONS SUCH AS FENCING. THE ESTIMATED PRESENT WORTH COST FOR THIS REMEDIAL ACTION IS \$5,582,499, WHICH INCLUDES AN ANNUAL O&M COST OF \$291,000 FOR 15 YEARS.

PERFORMANCE STANDARDS OR GOALS: CLEANUP LEVELS FOR SOIL WILL BE CALCULATED USING A CONTAMINANT LEACHING MODEL. CHEMICAL-SPECIFIC CLEANUP LEVELS FOR GROUND WATER ARE BASED ON FEDERAL MCLS AND NON-ZERO MCLGS INCLUDING BENZENE 5 UG/L (MCL), PCE 5 UG/L (MCL), TCE 5 UG/L (MCL), TOLUENE 2,000 UG/L (MCL), XYLENES 10,000 UG/L (PROPOSED MCL), AND ARSENIC 50 UG/L (MCL). INSTITUTIONAL CONTROLS: DEED, GROUND WATER, AND LAND USE RESTRICTIONS WILL BE IMPLEMENTED ONSITE.

**Remedy:** THIS FINAL REMEDY INCLUDES TREATMENT OF THE PRINCIPAL THREATS POSED BY THE SITE BY (1) UTILIZING SOIL VAPOR EXTRACTION TECHNOLOGIES TO EXTRACT AND TREAT VOC CONTAMINANTS IN SOILS; (2) SOIL WASHING OR IMMOBILIZATION/STABILIZATION OF LEAD-CONTAMINATED SOILS; AND (3) EXTRACTING AND TREATING CONTAMINATED GROUNDWATER. IN ADDITION, TANK CONTENTS WILL BE REMOVED AND TREATED. THE MUNICIPAL LANDFILL WASTES WILL BE CONTAINED UNDER A RCRA SUBTITLE D LANDFILL CAP. PAH-CONTAMINATED SOIL WILL BE COVERED OR CONSOLIDATED UNDER THE MUNICIPAL LANDFILL CAP. THE FUNCTION OF THIS REMEDY IS TO REDUCE THE RISK ASSOCIATED WITH EXPOSURE TO THE CONTAMINATED SOILS AND THE SOILS, CONTRIBUTION TO GROUNDWATER CONTAMINATION. IN ADDITION, THIS REMEDY WILL REDUCE THE RISK ASSOCIATED WITH EXPOSURE TO CONTAMINATED

## GROUNDWATER.

THE MAJOR COMPONENTS OF THE SELECTED REMEDY INCLUDE;

- \* INSTALL AN UPGRADED SECURITY FENCE AROUND THE SITE
- \* DEED RESTRICTIONS TO ENSURE PROTECTION OF THE MUNICIPAL LANDFILL CAP
- \* CONSTRUCTION, OPERATION AND MAINTENANCE OF A SOIL VAPOR. EXTRACTION (SVE) SYSTEM IN THE VOC-CONTAMINATED SOIL AREAS
- \* DELINEATE AND REMEDIATE LEAD-CONTAMINATED SOILS VIA SOIL WASHING OR IMMOBILIZATION/STABILIZATION TECHNOLOGIES
- \* MONITORING OF GROUNDWATER AND AIR
- \* CONSTRUCTION, OPERATION AND MAINTENANCE OF A GROUNDWATER EXTRACTION AND TREATMENT/DISCHARGE SYSTEM
- \* DELINEATE THE EXTENT OF THE MUNICIPAL LANDFILL
- \* CONSTRUCTION AND MAINTENANCE OF A RCRA SUBTITLE D COMPLIANT CAP OVER THE MUNICIPAL LANDFILL
- \* COVER PAH-CONTAMINATED SOIL OR CONSOLIDATE UNDER MUNICIPAL LANDFILL CAP
- \* REMOVE AND TREAT CONTENTS OF ALL ABOVE - AND BELOW GROUND TANKS; DELINEATE THE EXTENT OF CONTAMINATION DUE TO SPILLS OR LEAKS ASSOCIATED WITH THE TANKS.
- \* REMOVE AND DISPOSE OF SITE DEBRIS, INCLUDING BUT NOT LIMITED TO ALL TANKS (ABOVE-, BELOW-GROUND AND PARTIALLY BURIED), TANKER. TRUCKS, AND THE INCINERATOR.

URL: <http://www.epa.gov/superfund/sites/rodsites/0501442.htm>

This page was last updated on: January 25, 2002

Site maintained by: Office of Emergency and Remedial Response

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## APPENDIX F

### STAKEHOLDER COMMENTS

The following comments were received within the 60-day public comment period after the initial public meeting introducing the draft version of the Eel-Wabash WRAS. This meeting was held on April 16, 2002, in Columbia City, Indiana. The public comment period ended on June 16, 2002.

The Eel-Wabash WRAS has been revised to incorporate stakeholder comments, where appropriate. The following is a reproduction of the stakeholder comments:

### General Comments

None

### Specific Comments

None